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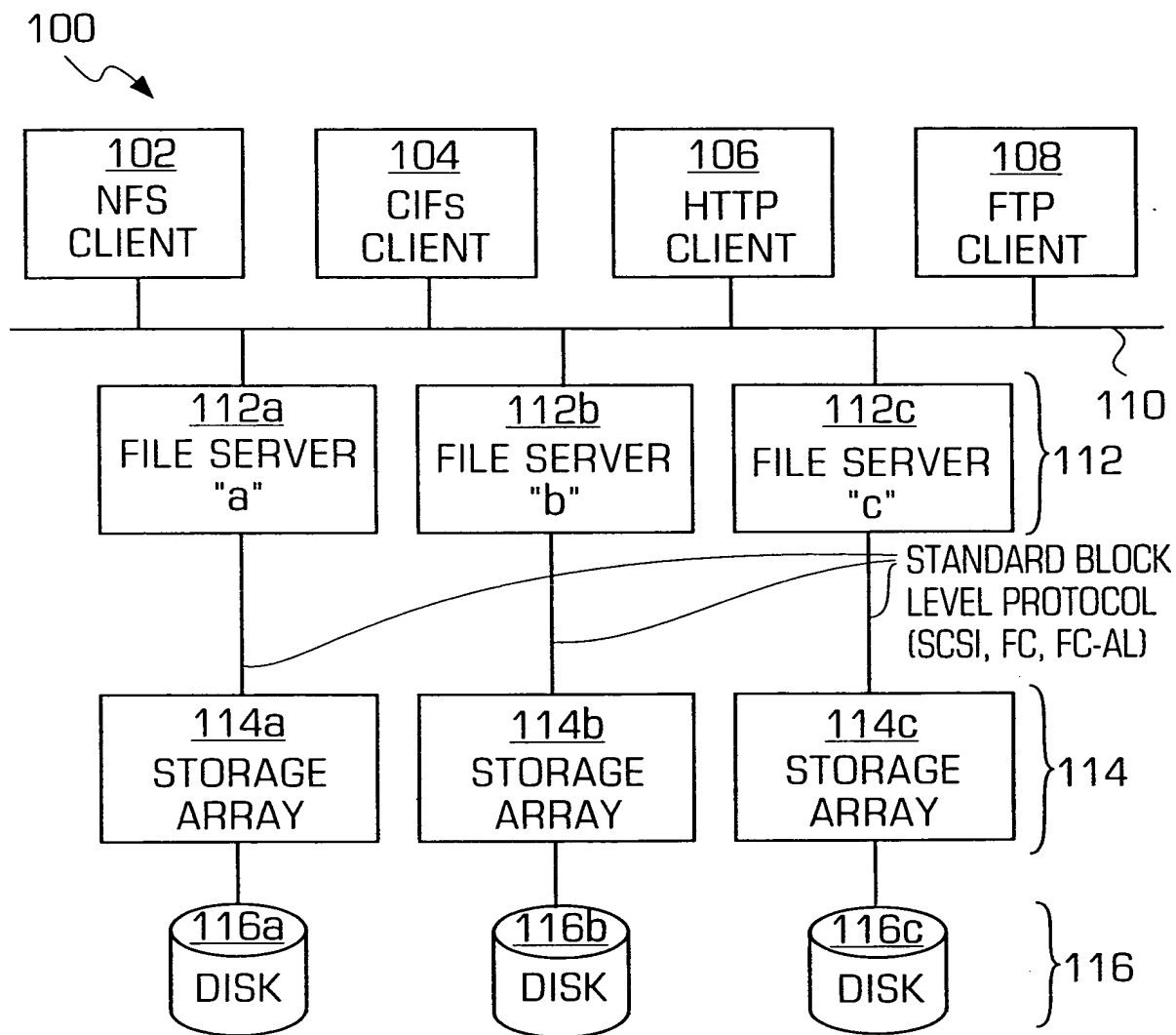


FIG. 1
(RELATED ART)



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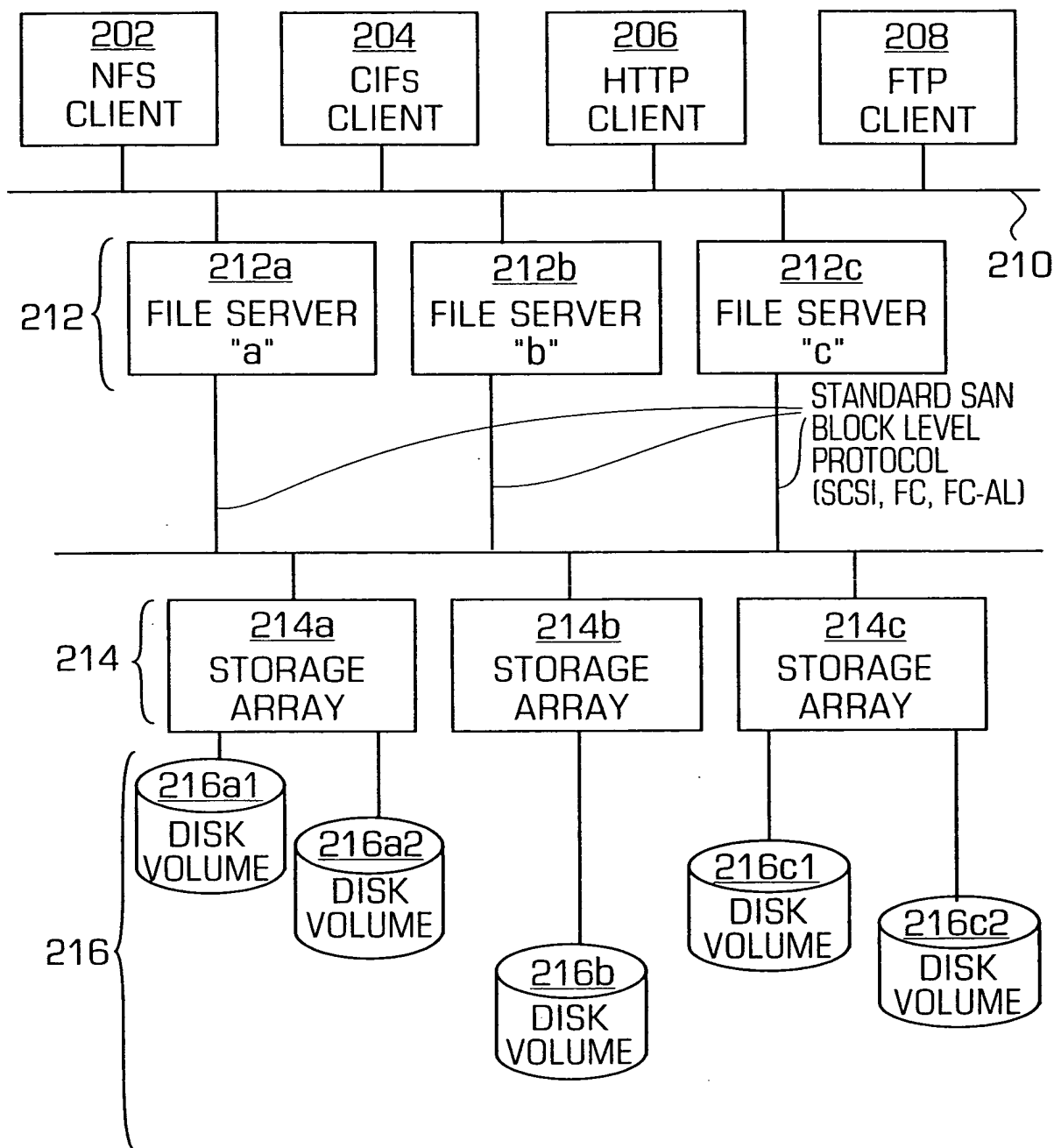
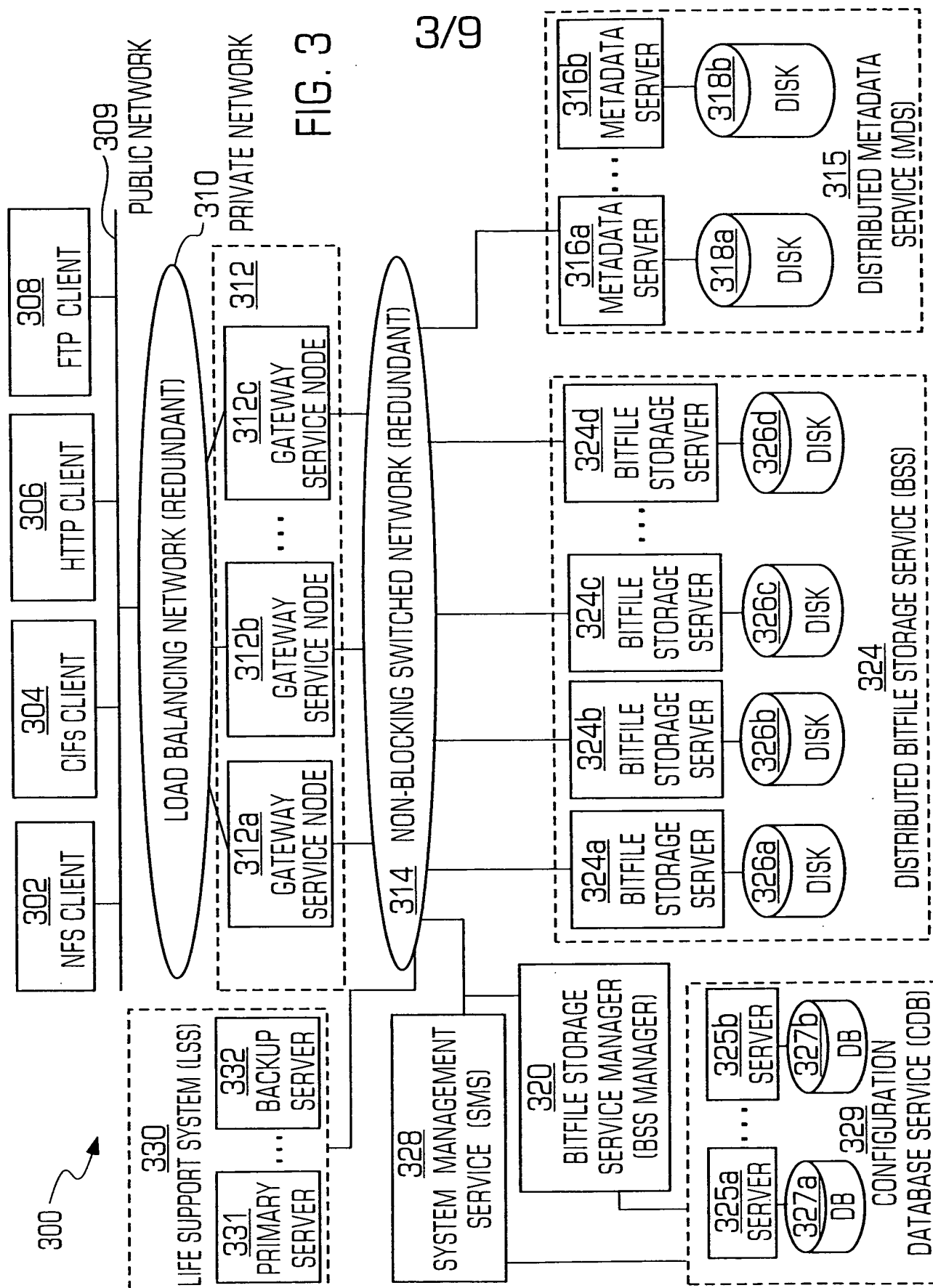


FIG. 2
(RELATED ART)



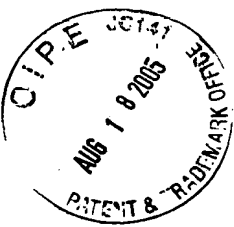
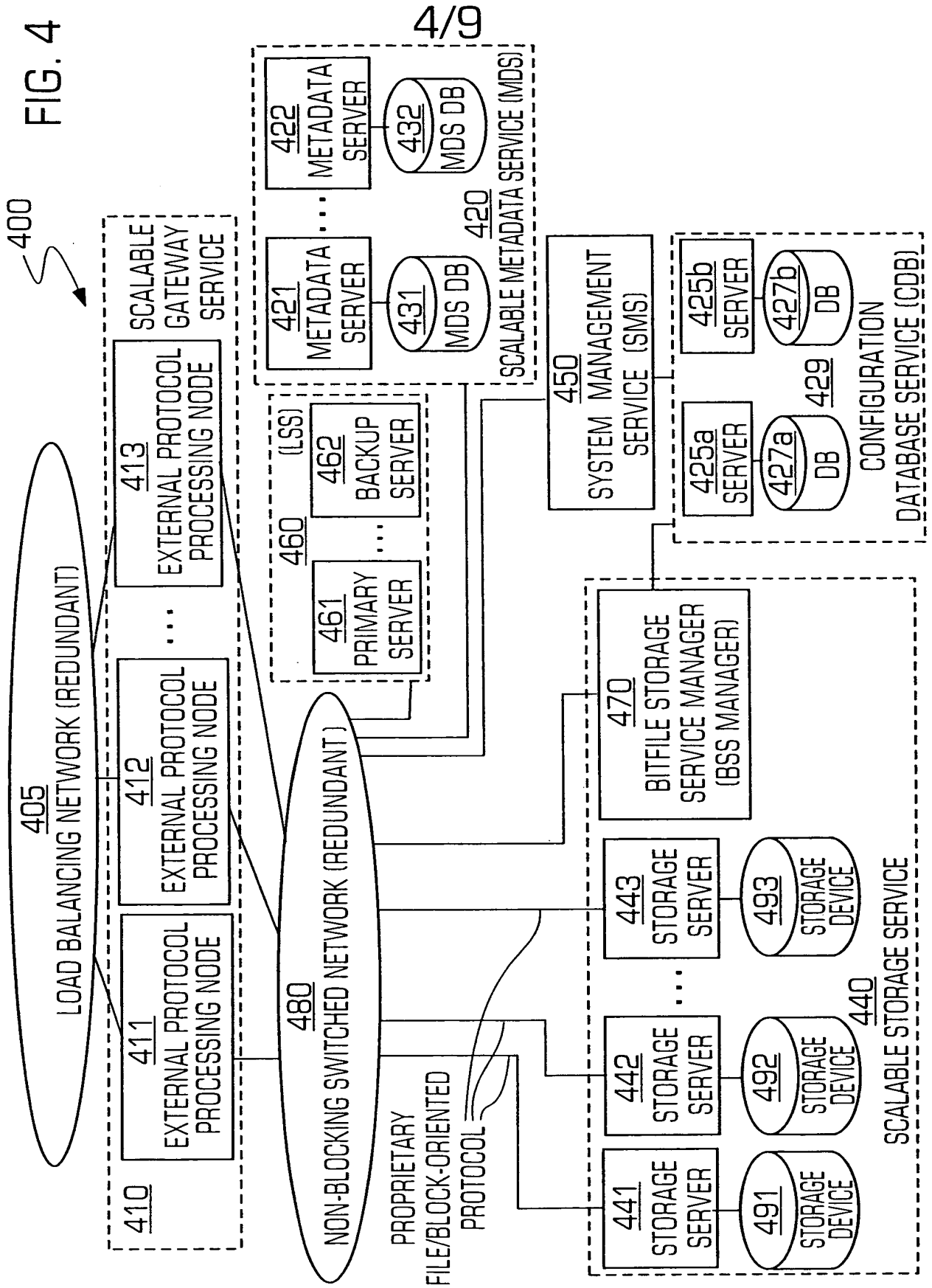
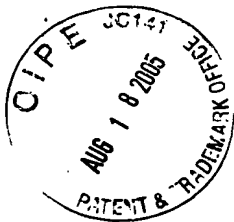
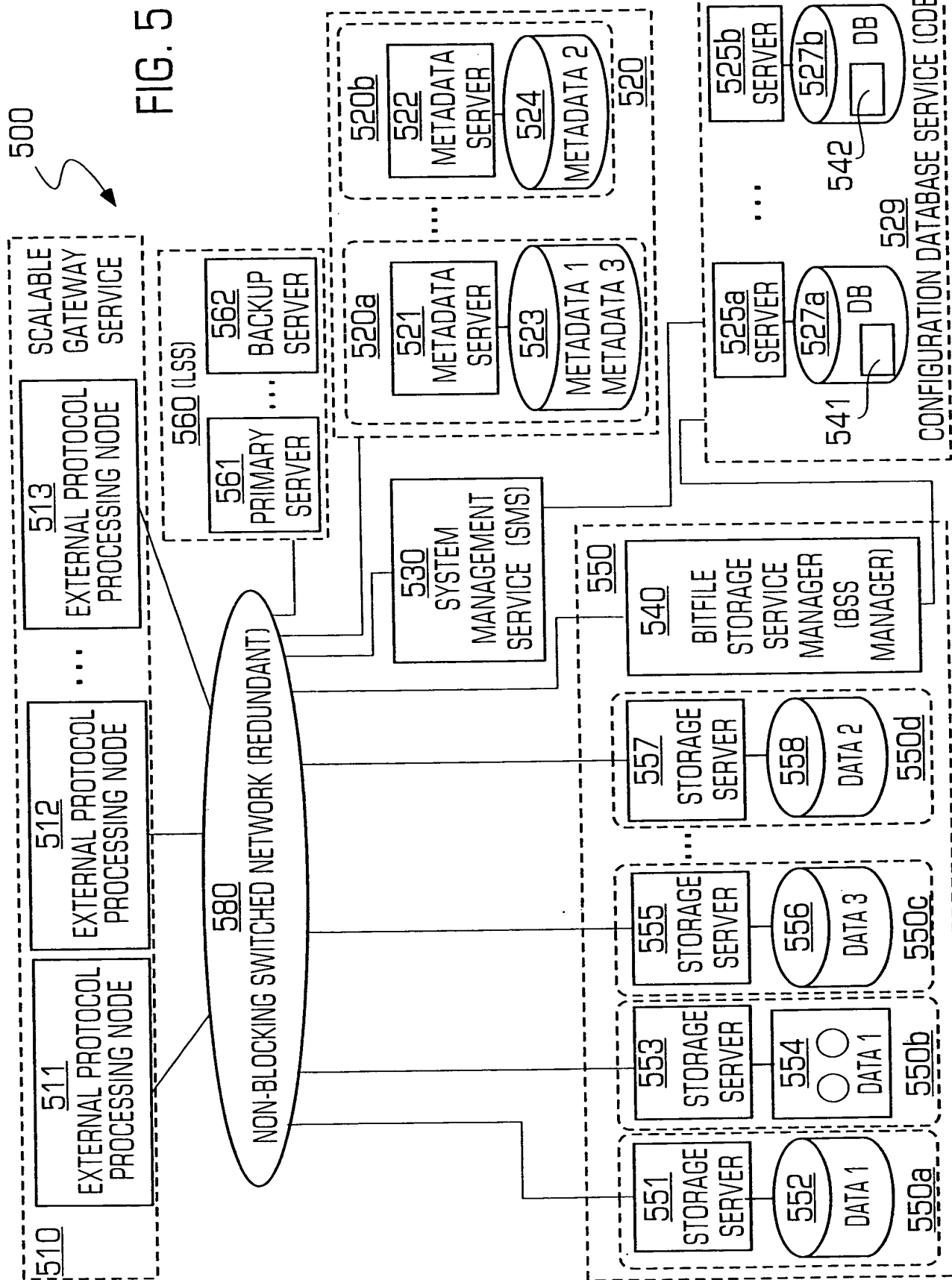


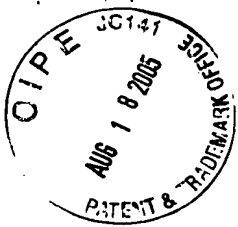
FIG. 4





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BSL
602

<u>604</u> PHYSICAL IDENTIFIER (SERVER, DEVICE)	<u>606</u> FILE ID
---	-----------------------

FIG. 6A

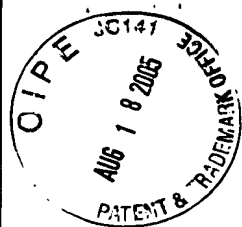
BSL
612

<u>614</u> LOGICAL IDENTIFIER (VOLUME ID)	<u>616</u> FILE ID
---	-----------------------

TABLE

LOGICAL IDENTIFIER	PHYSICAL IDENTIFIER
VOL. 1	(SERVER X, DEVICE X)
VOL. 2	(SERVER Y, DEVICE Y)
⋮	⋮

FIG. 6B



BSL
612

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TABLE
632

<u>614</u> LOGICAL IDENTIFIER (VOLUME ID)	<u>616</u> FILE ID
---	-----------------------

VOL. ID	MIRRORS
VOL. 0	VOL. 1, VOL. 2
.	.
.	.
.	.
.	.
.	.
.	.

TABLE
633

LOGICAL IDENTIFIER	PHYSICAL IDENTIFIER
VOL. 1	(SERVER X, DEVICE X)
VOL. 2	(SERVER Y, DEVICE Y)
.	.
.	.
.	.

FIG. 6C

BSL
642

<u>644</u> LOGICAL IDENTIFIER (VOLUME ID)	<u>646</u> INDEX	<u>648</u> FILE ID
---	---------------------	-----------------------

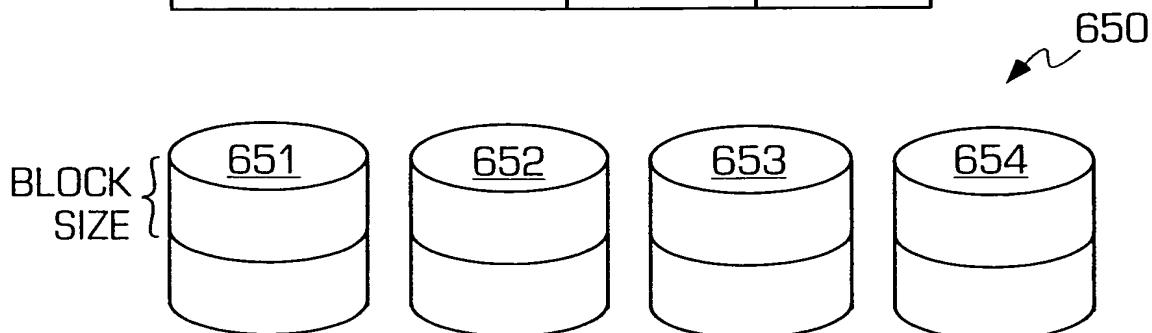
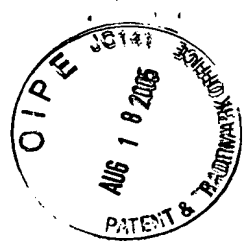
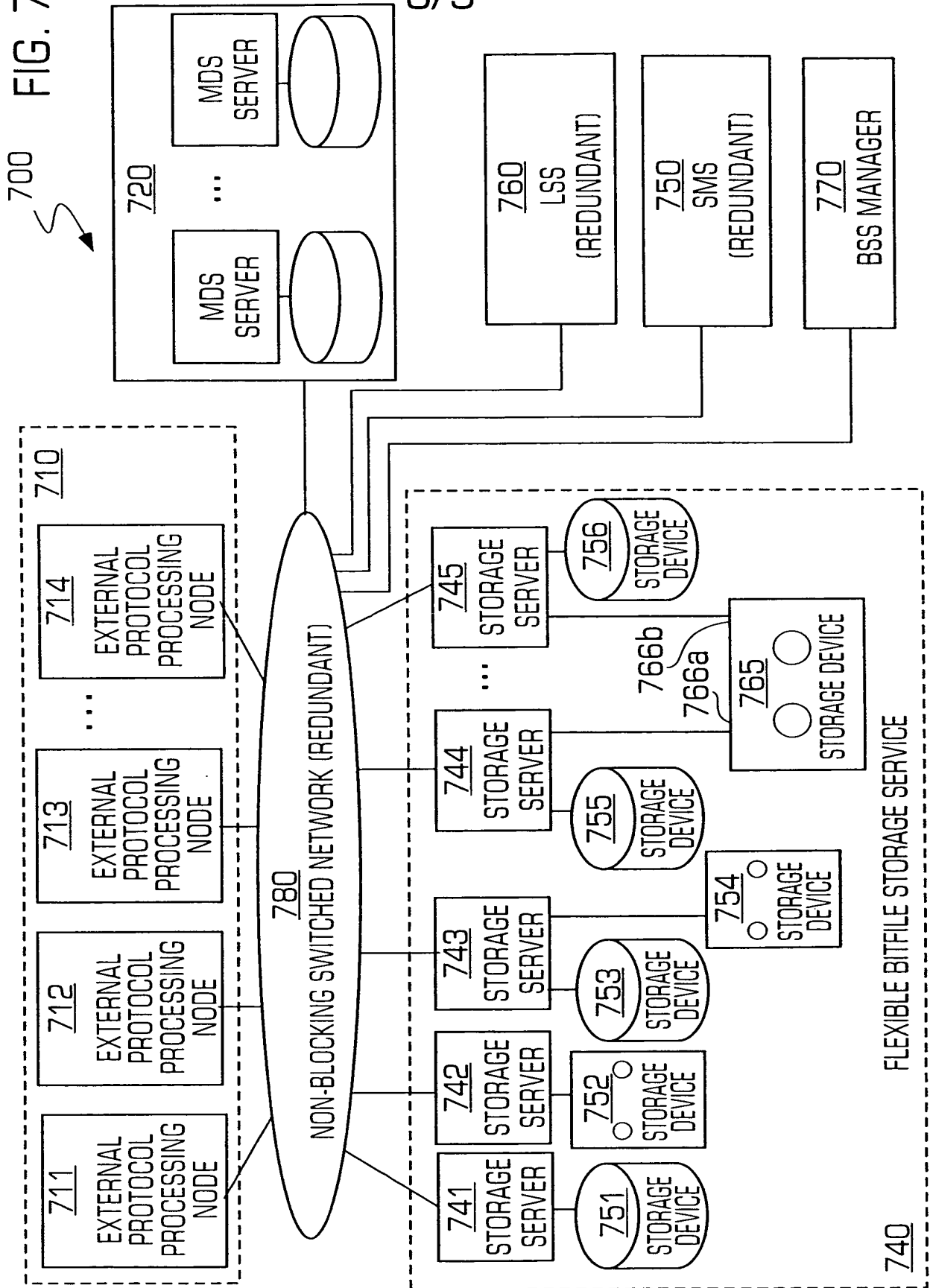
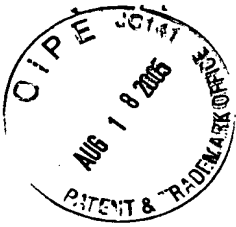


FIG. 6D

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FIG. 7





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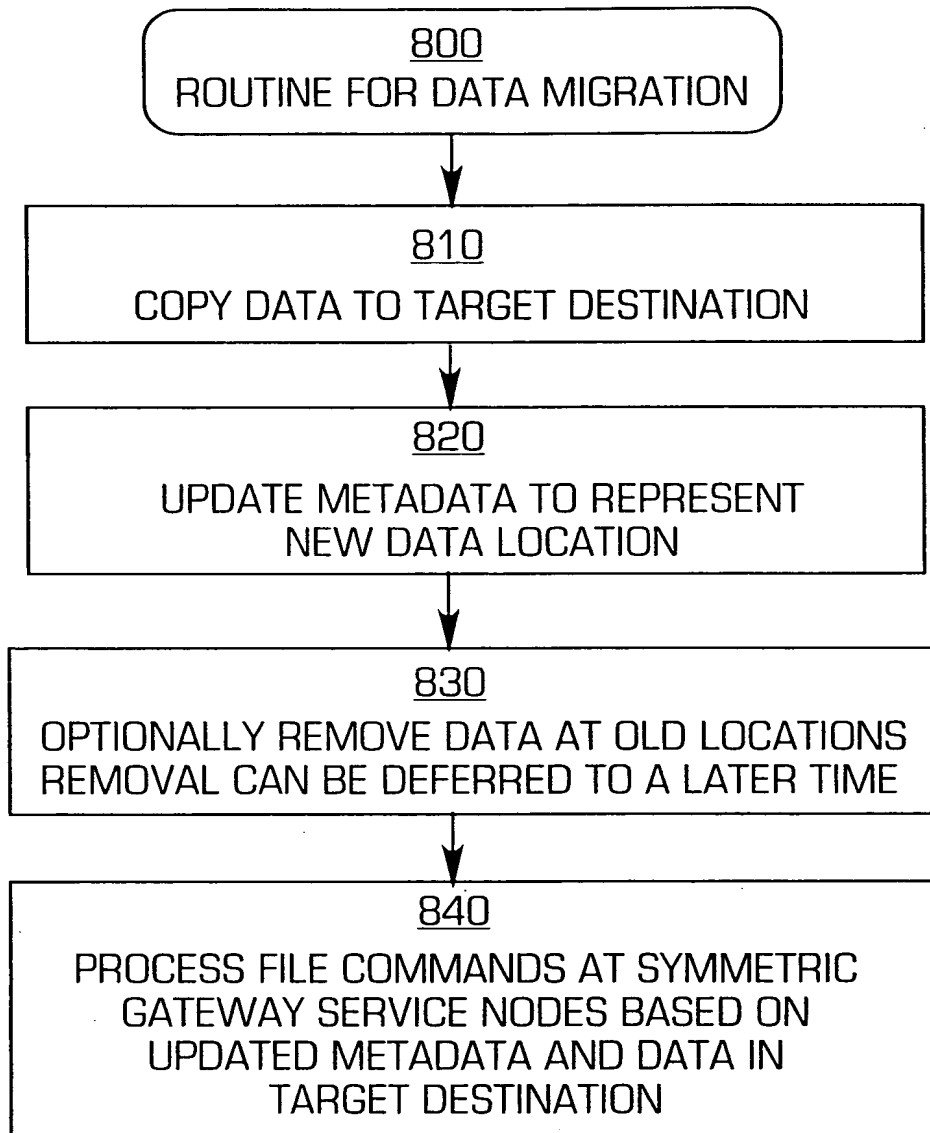


FIG. 8